



SHELL ALVANIA[®] GREASE 0974

Gear drives

Product Description

Alvania[®] Grease 0974 (formerly Alvania Grease GL 00) is a lithium soap grease containing an ISO 680 base oil and tackifier for use primarily in gear drives, which specify grease lubrication.

Application

Alvania Grease 0974 is a semi-fluid grease, which is used primarily in gear drives calling for a semi-fluid grease. These gear drives are not well sealed and a conventional gearbox oil would leak out. Gang mowers pulled behind tractors for golf course maintenance is a common application. These mowers transmit the rolling motion of the wheels to the cutting blades via a gear drive system, which is packed with grease. The product is also suitable for gearboxes, which drive stirrers in mixing and reactor vessels. **Alvania Grease 0974** should not be used in applications that require extreme pressure (EP) greases.

Features

- a lithium soap grease containing an ISO 680 base oil providing excellent film thickness for gear lubrication contains both corrosion and oxidation inhibitors for equipment protection and longer service life
- special tackifier is also included to help keep the grease on the surfaces to be lubricated
- pumpable at low temperatures because of its soft consistency
- maintains its semi-fluid consistency when subjected to shearing action in gearboxes

Benefits

- heavy base oil for a thick lubricant film on parts
- rust and corrosion protection
- non-hardening characteristics
- tacky consistency that helps resist water washout

Product Maintenance

Semi-fluid greases are handled differently than stiffer grade products. These greases can be hand applied or can easily be used in centralized systems. Oil pooling at the product surface can be remedied by simply stirring the separated oil back into the grease.

| Typical Properties of Shell Alvania Grease 0974 | | |
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| | Test Method | |
| Product Code (pails only) | | 7116935203 |
| NLGI Grade | | 00 |
| Appearance | | Brown, Tacky |
| Base Oil Viscosity @ 40°C, cSt @ 100°C, cSt | D 445 D 445 | 680 34.0 |
| Lithium Soap, wt% | | 2.8 |
| Penetration, dmm Worked, 60X | D 217 | 415 |
| Dropping Point, °F | Mettler | Semi-Fluid |
| Rust Protection | D 1743 | Pass |
| Copper Corrosion | D 4048 | 1b |
| Guide to Usable Temperature Min, °F Continuous Service, Max, °F Short Exposure, Max, °F | | -20 250 300 |

Handling Practices

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet at <http://www.equivashellmsds.com>. For more information and availability, call **1+800-782-7852** or visit the World Wide Web: <http://www.shell-lubricants.com/>.